

ABSTRACT OF THE INVENTION

A system and methods are shown for providing packet data serving node (PDSN) redundancy. One exemplary method includes providing an access node with a plurality of packet data serving nodes and at least one system manager, establishing an N to 1 redundancy of active to standby PDSNs. Upon establishing a communications session with a mobile node, each active PDSN provides state updates to the standby PDSN including only non-recoverable data. Upon failure of any active PDSN, the standby PDSN reassigned as an active PDSN replacing the failed unit and assuming the communications session with the mobile node. The remaining active PDSNs are notified of the reassignment and transmission of updated state data is discontinued.